

AMENDMENTS IN THE CLAIMS

Amendments to the claims are included in a separate paper.

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RESPONSE

Claims Rejection – 35 USC Sec. 112

Paragraph 1 of the First Office Action

5 The Examiner presently rejects Claim 17 under 35 USC Sec. 112 for use of the word
“suppressed” in regard to fold lines. Claims 17 and 20 have been withdrawn entire.

Paragraph 2 of the First Office Action

The Examiner presently rejects Claim 17 for lack of enablement. Claim 17 has been
10 withdrawn.

Paragraph 3 of the First Office Action

The Examiner presently rejects Claims 1 through 20 for lack of enablement. Several un-numbered sub-paragraphs each in turn briefly list several items for correction. Applicant has
15 endeavored to make corrections per the Examiner’s requirements of the following items:

	Claim	Language
	1	“when perforated”; “for folding into variously dimensioned containers”; “adjoining panels”; “at least one panel”; “at least one fold line”;
20	2	“allowing perforating”
	3	“allowing perforating”
	6	“the steps”

7 “the steps”

8 “valley folded”

9 “a given perforation line”; “the time of folding”

10 “allowing perforating”; “the final box” (2 occurrences, also 2
5 occurrences of “box”);

14 “the parallel fold lines”

16 “the parallel horizontal fold lines”; “the parallel vertical fold lines”

18 “perforation line”

19 “for folding into variously dimensioned containers”; “adjoining
10 panels”; “at least one panel”; “at least one fold line”

20 “for folding into variously dimensioned containers”; “adjoining
 panels”; “at least one panel”; “at least one fold line”; “valley
 folded”

15 Not every claim listed above has been altered, as in some cases (for example, Claim 16) the referent (“parallel”) has been introduced in Claim 1. In other cases, language objected to has been removed or amended. In regard to the term “valley folded”, the applicant has withdrawn Claim 8 and Claim 20. The Claim 1 limitation “rectangular” has been modified to “substantially rectangular” and three sets of indicia have been reduced to two sets of indicia, both as discussed by Examiner and counsel. Other minor changes have been made as discussed with or suggested by the Examiner during the telephone conference of December 22nd. It is believed that no changes have been made other than the changes then discussed, except in the case of Claims 19

and 20.

The applicant thanks the Examiner for his effort in locating these issues. Should any of these issues have been resolved in a manner the Examiner finds objectionable, the applicant respectfully requests the Examiner contact counsel for a speedy amendment to render the agreed upon Claim 1 through 7, and 9 through 16, and 18 allowable.

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Claim Rejections 35 USC Sec. 102

Paragraphs 4 and 5 of the First Office Action

10 The Examiner presently rejects Claims 19 and 20 as being anticipated by Kim et al '818 or Kim et al '901. (US Pats. Nos. 6279818 and 6138901).

After the telephone consultation with the examiner, Claim 19 has been amended to very specifically claim at least 8 parallel fold lines in one dimension and at least 16 parallel fold lines in another dimension. Based on examination of the diagrams of the prior art cited to date and 15 made of reference, applicant believes that none of the prior art patents cited to date shows more than 12 parallel fold lines in either dimension. Support for this template may be found in Figure 1 of the application as originally filed, showing these numbers of parallel fold lines.

Claim 20 has been withdrawn since the telephone consultation with the Examiner.

20 Allowable Subject Matter

Paragraph 6 of the First Office Action

The Examiner has kindly suggested that Claims 1 through 7, 9 through 16, and 18 are

allowable (based upon multiple sets of indicia structures) if re-written to remove objectionable terms as discussed in Paragraph 3 of the First Office Action. The applicant has made corresponding changes to attempt to meet the Examiner's suggestions. As note previously, the applicant thanks the Examiner for his effort in locating these issues. Should any of these issues
5 have been resolved in a manner the Examiner later finds objectionable, the applicant will further amend expeditiously.

Conclusion

Terminal Paragraphs of the First Office Action

10 For all the foregoing reasons, applicant respectfully urges that the application is now in condition for immediate allowance, and such action is requested. The Examiner is respectfully urged to contact applicant's counsel, Craig W. Barber, PO Box 16220, Golden, Colorado, 80402-6004, 303-278-9973, fax 303-278-9977, with any questions or comments.

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Signed:



Craig W. Barber
USPTO No. 39,102
303-278-9973
PO Box 16220
Golden, Colorado 80402-6004

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CLAIMS AS AMENDED DECEMBER 2004

1. (Currently Amended) A multi dimensioned easily adjustable single sheet container template with indicia for folding into a container having one of a plurality of different dimensions ~~variously dimensioned containers for shipping and storage~~, the template comprising:
 - a single substantially rectangular sheet of packaging material;
 - the single rectangular sheet having a plurality of parallel vertical fold lines;
 - the single rectangular sheet having a plurality of parallel horizontal fold lines;
 - the single rectangular sheet being divided into a plurality of panels by the vertical and horizontal fold lines; ~~each panel connected to adjoining panels at the fold lines;~~
 - a plurality of perforation lines, each of the perforation lines extending along at least one side of at least one of the panels, each of the perforation lines colinear with at least one of the fold lines;
 - 1) a first set of indicia of a first subset of the plurality of fold lines and perforation lines, the single rectangular sheet when folded and cut ~~perforated~~ according to the first set of indicia becoming a the container having a first one of a plurality of different dimensions differently dimensioned containers; and
 - 2) a second set of indicia of a second subset of the plurality of fold lines and perforation lines, the single rectangular sheet when folded and cut ~~perforated~~ according to the second set of indicia becoming a the container and having a second one of the plurality of different dimensions differently dimensioned containers; and
 - 3) a third set of indicia of a third subset of the plurality of fold lines and

~~perforation lines, the single rectangular sheet when folded and perforated according to the third set of indicia becoming a third one of the plurality of differently dimensioned containers.~~

2. (Currently Amended) The container template of claim 1, further comprising:
~~third, fourth and fifth sets of indicia allowing folding and cutting perforating into respective third fourth and fifth different dimensions of containers. ones of the plurality of differently dimensioned containers.~~
3. (Currently Amended) The container template of claim 2, further comprising:
sixth through fifteenth sets of indicia allowing folding and cutting perforating into respective sixth through twenty-fifth different dimensions of containers. ~~ones of the plurality of differently dimensioned containers.~~
4. (Original) The container template of claim 1, wherein the indicia further comprise:
numbered designators of each of the plurality of fold lines and perforation lines.
5. (Original) The container template of claim 1, wherein the indicia further comprise:
lettered designators of each of the plurality of fold lines and perforation lines.
6. (Currently Amended) The container template of claim 4, wherein the indicia further comprise:
~~instructions indicating a set of the steps to take to fold the container template into each of the plurality of differently dimensioned containers.~~

7. (Original) The container template of claim 1, wherein the indicia further comprise:
diagrams indicating the steps to take to fold the container template into each of the plurality of differently dimensioned containers.
8. (Withdrawn)
9. (Currently Amended) The container template of claim 1, wherein the indicia further provide instruction as to the length of at least one of the a given ~~perforation lines~~ which is to be cut at ~~the a~~ time of folding.
10. (Currently Amended) The container template of claim 1, wherein the indicia further provide ~~box~~ dimensions of the container final box to be produced and further wherein the indicia provide instructions for folding and cutting perforating based upon the ~~box~~ dimensions of the container final box to be produced.
11. (Original) The container template of claim 1, wherein the material of the container template is one member selected from the group consisting of: single ply cardboard, multi-ply cardboard, corrugated cardboard, polymer, metal, composite materials, and combinations thereof.
12. (Original) The container template of claim 1, further comprising:
a first unit distance, wherein each fold line is separated from the next parallel fold line by an integer multiple of the first unit distance, whereby each panel has dimensions which are also an integer multiple of the first unit distance.

13. (Original) The container template of claim 12, wherein the integer multiple is one for every fold line of the container template, whereby each panel has dimensions which are the first unit distance.
14. (Original) The container template of claim 12, wherein there are at least two integer multiples of the first unit distance present on the container template, the two integer multiples separating different pairs of the parallel fold lines.
15. (Original) The container template of claim 12, further comprising:
a second unit distance wherein at least two fold lines are separated by the second unit distance, the second unit distance not being equal to any integer multiple of the first unit distance.
16. (Currently Amended) The container template of claim 15, wherein the first unit distance and integer multiples thereof separates the parallel horizontal fold lines, and the second unit distance and integer multiples thereof separates the parallel vertical fold lines.
17. (Withdrawn)
18. (Currently Amended) The container template of claim 1, wherein at least one perforation line has a density of perforation allowing the user to do to the line one member selected by the user at a time of folding from the group consisting of: folding the perforation line, cutting the perforation line, and combinations thereof.

19. (Currently Amended) A multi dimensioned easily adjustable single sheet container template for folding into a container having one of a plurality of different dimensions ~~variously dimensioned containers for shipping and storage~~, the template comprising: a single substantially rectangular sheet of packaging material; the single rectangular sheet having at least 16 a plurality of parallel vertical fold lines; the single rectangular sheet having at least 8 a plurality of parallel horizontal fold lines; the single rectangular sheet being divided into a plurality of panels by the vertical and horizontal fold lines; ~~each panel connected to adjoining panels at the fold lines;~~ a plurality of perforation lines, each of the perforation lines extending along at least one side of at least one of the panels, each of the perforation lines colinear with at least one of the fold lines; wherein each fold line is separated from the next parallel fold line by an integer multiple of a first unit distance, whereby each of the panels has dimensions which are also an integer multiple of the first unit distance.

20. (Withdrawn)